A fluorene derivative represented by the following general formula (I) or a pharmaceutically acceptable salt
 thereof,

$$(R^{1})_{n}$$
 R^{7} R^{8} R^{8} R^{4} R^{5} R^{5}

(symbols in the formula represent the following meanings, ${\ensuremath{R}}^1$ and ${\ensuremath{R}}^2$: the same or different from each other and each represents -R⁰, a lower alkenyl, a lower alkynyl, a halogen, 10 -OH, $-O-R^0$, $-O-CO-R^0$, $-NH_2$, $-NR^6-R^0$, -CN, $-NO_2$, -CHO, $-CONH_2$, $-CO-NR^6-R^0$, $-CO_2H$, $-CO_2-R^0$, $-CO-R^0$, $-NR^6-CO-R^0$, $-NR^6-CO_2-R^0$, $-O-CO-NR^6-R^0$, -SH, $-S(O)_p-R^0$, $-S(O)_2-NH_2$, $-S(O)_2-NR^6-R^0$, $-NR^6-S(O)_2-R^0$, $-R^{00}-O-CO-R^0$, $-R^{00}-NR^6-R^0$, $-R^{00}-CN$, $-R^{00}-CONH_2$, $-R^{00}-CO-NR^6-R^0$, $-R^{00}-CO_2H$, $-R^{00}-CO_2-R^0$, $-R^{00}-CO-R^0$, 15 $-R^{00}-NR^{6}-CO-R^{0}$, $-R^{00}-NR^{6}-CO_{2}-R^{0}$, $-R^{00}-O-CO-NR^{6}-R^{0}$, a cycloalkyl or a nitrogen-containing saturated hetero ring, wherein said nitrogen-containing saturated hetero ring may be substituted with 1 or 2 substituent groups selected from the group consisting of a lower alkyl, -OH, -O-R⁰, -NH₂, -NR⁶-R⁰ and 20 oxo (=0);

R⁰: the same or different from one another and each represents a lower alkyl which may be substituted with one or more substituent groups selected from the group

consisting of -OH, -O- C_{1-4} alkyl, -NH₂, -NR⁶- C_{1-4} alkyl and a halogen;

R⁶: the same or different from one another and each represents a lower alkyl or H;

5 R⁰⁰: the same or different from one another and each represents a lower alkylene;

p: 0, 1 or 2;

n: 0, 1 or 2;

m: 0 or 1;

R⁷ and R⁸: the same or different from each other and each represents -H, -R⁰, a halogen, -OH, -O-R⁰, -NH₂, -NR⁶-R⁰, -NR⁶-CO-R⁰, -O-R⁰⁰-OH, -O-R⁰⁰-O-R⁰, a cycloalkyl or an oxygen-containing saturated hetero ring, or R⁷ and R⁸ may together form a group selected from the group consisting of oxo (=O), =N-OH, =N-OR⁰ and tetrahydropyranylidene, or R⁷ and R⁸ may together form a lower alkylene which may be interrupted by 1

membered ring together with the C atom to which they are

or 2 divalent groups selected from the class consisting of

-O-, $-S(O)_p-$, $-NR^6-$ and $-CONR^6-$, and may form a 3- to 8-

20 linked;

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Z: -NH-;

 R^3 : -H or R^0 ; and

 R^4 and R^5 : the same or different from each other and each represents -H, -R⁰, -CO₂-R⁰, or -CO-R⁰, or R⁴ and R⁵ may together form a divalent group and may form a 5-membered hetero ring together with the -N-C-Z- group to which R⁴ and

 R^5 are linked, wherein Z may be -O- or S-, and said 5-membered ring may be substituted with 1 or 2 substituent groups selected from a lower alkyl, -OH, -O- R^0 , -NH₂, -NR⁶- R^0 and oxo (=O)).

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- 2. The fluorene derivative or pharmaceutically acceptable salt thereof described in claim 1, wherein \mathbb{R}^3 is -H or \mathbb{R}^0 , and \mathbb{R}^4 and \mathbb{R}^5 are -H or \mathbb{R}^0 .
- 3. The derivative or pharmaceutically acceptable salt thereof described in claim 1, wherein each of \mathbb{R}^3 , \mathbb{R}^4 and \mathbb{R}^5 is -H.
- 4. The derivative or pharmaceutically acceptable salt thereof described in claim 3, wherein R⁷ and R⁸ may be the same or different from each other and each represents -H, -R⁰, -OH, -O-R⁰, -O-R⁰⁰-OH or -O-R⁰⁰-O-R⁰, or R⁷ and R⁸ together form oxo group.
- 5. The derivative or pharmaceutically acceptable salt thereof described in claim 3, wherein R⁷ and R⁸ together form a "lower alkylene which may be interrupted by 1 or 2 divalent groups selected from the class consisting of -O-, -S(O)_p-, -NR⁶- and -CONR⁶", and form a 3- to 8-membered ring together with the C atom to which they are linked.

The derivative or pharmaceutically acceptable salt thereof described in claim 1, which is selected from the group consisting of N-(diaminomethylene)-9-hydroxy-9Hfluorene-2-carboxamide, 9-chloro-N-(diaminomethylene)-9H-5 fluorene-2-carboxamide, N-(diaminomethylene)-9-(hydroxyimino) -5-(hydroxymethyl) -9H-fluorene-2-carboxamide, 8-chloro-N-(diaminomethylene)-9-hydroxy-9H-fluorene-2carboxamide, N-(diaminomethylene)-9-hydroxy-9-methyl-9Hfluorene-2-carboxamide, N-(diaminomethylene)-9-hydroxy-9-10 methyl-9H-fluorene-2-carboxamide (optically active substance A), N-(diaminomethylene)-9-hydroxy-9-methyl-9H-fluorene-2carboxamide (optically active substance B), N-(diaminomethylene) spiro[1,3-dithiolane-2,9'-fluorene]-2'carboxamide, N-(diaminomethylene)-4',5'-dihydro-3'H-15 spiro[fluorene-9,2'-furan]-2-carboxamide, N-(diaminomethylene) -4',5'-dihydro-3'H-spiro[fluorene-9,2'furan]-2-carboxamide (optically active substance A), N-(diaminomethylene) -4',5'-dihydro-3'H-spiro[fluorene-9,2'furan]-2-carboxamide (optically active substance B), N-20 (diaminomethylene) spiro[cyclopropane-1,9'-fluorene]-2'carboxamide, N-(diaminomethylene)-9-methoxy-9-methyl-9Hfluorene-2-carboxamide, N-(diaminomethylene)-9-ethyl-9methoxy-9H-fluorene-2-carboxamide, N-(diaminomethylene)-5fluoro-9-hydroxy-9-methyl-9H-fluorene-2-carboxamide, N-25 (diaminomethylene) -5-fluoro-9-hydroxy-9-methyl-9H-fluorene-2-carboxamide (optically active substance A), N-

(diaminomethylene)-5-fluoro-9-hydroxy-9-methyl-9H-fluorene2-carboxamide (optically active substance B), N(diaminomethylene)-5'-fluorospiro[1,3-dithiolane-2,9'fluorene]-2'-carboxamide and N-(diaminomethylene)-5-fluoro9-methoxy-9-methyl-9H-fluorene-2-carboxamide.

7. A pharmaceutical composition comprising the derivative or pharmaceutically acceptable salt thereof described in claim 1 and a pharmaceutically acceptable carrier.

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8. The pharmaceutical composition described in claim 7, which is a $5-HT_{2B}$ receptor and $5-HT_7$ receptor dual antagonist.

The pharmaceutical composition described in claim
 which is a prophylactic antimigraine agent.

- 10. Use of the derivative or pharmaceutically
 20 acceptable salt thereof described in claim 1 for producing a
 5-HT_{2B} receptor and 5-HT₇ receptor dual antagonist or a
 prophylactic antimigraine agent.
- 11. A method for preventing migraine, which comprises
 25 administering a therapeutically effective amount of the

fluorene derivative or pharmaceutically acceptable salt thereof described in claim 1 to a patient.